

Executive Summary

Monitoring the health status of a population is an essential step in evaluating the effectiveness of various health programs and in developing programmatic policy for the future. Monitoring the health status of a population relative to certain health status indicators over a number of years is an especially effective tool for health planning. Act 985 of the 1995 Louisiana Regular Legislative Session, enacting R.S. 40:1300.71, requires that the Louisiana Department of Health and Hospitals annually prepare a health report card relative to health and health-related issues.

The following pages comprise the seventh annual Health Report Card. This document reports on the overall state of health in Louisiana, addressing at a minimum the following issues:

- Health findings of major diseases
- Teenage pregnancy and birth rates
- Rates of low birthweight babies
- Suicide rates
- Sexually transmitted diseases
- Incidence of drug addictions
- Violent deaths
- Morbidity rates
- Health assessment programs and results
- Results of preventive health outreach programs
- Assessment of the state health care delivery system

The report card is divided into six major sections. The first three sections are "Population and Vital Statistics," "Morbidity," and "Health Assessment Programs." These contain data relative to the health status indicators listed above for the state as a whole and for the parishes within the state. There are comparisons with prior years and with other states. In some cases, variations among different segments of the state's population are reported.

The last three sections address current health care initiatives, the state's health care delivery system, and future measures for health status improvement. These sections are: "Preventive Health Outreach and Service Programs," "Louisiana State Health Care System," and "Recommendations for Improving Health Status."

This report is the result of efforts by individuals throughout the Department of Health and Hospitals. To contact the individual programs that contributed to this document, please refer to the listing of Program Office telephone numbers and web addresses in the "Contact Information" table in the back of the book. Many of the programs have reports available on the web for downloading through their individual program websites.



Contents

Executive Summary	i
Contents	ii
Tables	vii
Graphs	ix
Maps	xi
Department of Health and Hospitals Organizational Chart	xii
Map of Louisiana	xiii
I. Population and Vital Statistics	1
A. Population	2
B. Births	6
Live Births Counts and Birth Rates	6
Prenatal Care	15
Low Birthweight	19
Teen Births	22
C. Deaths	31
Death Counts and Crude Mortality Rates	31
Age-Adjusted Mortality Rate for Total Deaths	41
Leading Causes of Death	41
Infant Deaths	45
Overview	45
Infant Mortality	45
Injury Deaths	54
II. Morbidity	55
A. Infectious Diseases	56
Background	56
2000 Status	57
B. Tuberculosis	61
Background	61
2001 Status	61
C. Sexually Transmitted Diseases	66
Overview	66
Syphilis	66
Gonorrhea	67
Chlamydia	68
D. HIV/AIDS	71
2000 Status	71
E. Cancer	76
1995-1999 Status	76
Background	78
F. Chronic Disease—Behavioral Risk Factor Surveillance System (BRFSS)	93
BRFSS: Tobacco Use	93
Adults	93
Youth	94
Pregnant Women	95
Smokeless Tobacco	96
Secondhand Smoke	96
Smoking and Economic Costs	97



BRFSS: Alcohol Use.....	97
Drinking and Driving	98
BRFSS: Nutrition and Exercise	98
Overweight/Obesity	98
Fruit and Vegetable Consumption.....	99
Physical Activity.....	100
BRFSS: Health Status	100
High Blood Pressure (Hypertension)	101
High Cholesterol	101
Diabetes	102
BRFSS: Preventive Health Care	105
Routine Medical Examinations	105
Mammography.....	106
Pap Smear	107
BRFSS: Medical Care Coverage.....	107
G. Traumatic Brain Injury	109
 III. Health Assessment Programs.....	111
A. Immunization Coverage.....	112
B. Infectious Disease Surveillance	117
Disease Surveillance	117
Notifiable Diseases	117
Bioterrorism Surveillance.....	118
Infectious Disease Outbreak Investigations.....	118
Surveillance for Measles and Rubella (German Measles).....	120
Selected 2000 Results of Infectious Disease Surveillance.....	120
Reports.....	121
C. Sexually Transmitted Disease (STD) and HIV/AIDS Surveillance.....	121
2000 National Rankings.....	121
2000 and 2001 Disease Statistics	122
Reports.....	122
D. Tuberculosis Surveillance.....	122
2000-2001 Disease Statistics.....	122
E. Alcohol & Drug Abuse Program: Intravenous Drug Use Treatment and STD, TB, and HIV/AIDS Screening.....	123
Epidemiology.....	123
Ecstasy.....	123
Marijuana	124
Methamphetamines	124
Communities that Care Youth Survey (CTC).....	124
Alcohol	124
Tobacco	124
Marijuana	124
Intravenous Drug Users Treatment.....	124
STD, TB, and HIV/AIDS Screening	125
1999-2001 Program Statistics.....	126
Intravenous Drug Users (IDUs).....	126
HIV/AIDS.....	126
Tuberculosis	127
STDs	127
F. Statewide Child Death Review Panel	128
Reports.....	128
G. Brain and Spinal Cord Injury Registry	128
1999 Statistics	129
Reports.....	129
H. Injury Specific Deaths Database	129



Reports.....	129
I. Burn Injuries	129
Reports	130
J. Louisiana Adolescent Health Initiative	130
Results	130
K. Louisiana Pregnancy Risk Assessment Monitoring System (LaPRAMS)	131
Overview	131
Results	132
L. Oral Health Assessment	136
Comprehensive Oral Health Needs Assessment	136
M. Environmental Epidemiology and Toxicology.....	137
Activities Conducted by SEET.....	137
Public Health Assessments and Consultations.....	138
Central Wood Preserving (CWP)	138
Pesticide Exposures	139
Health-Related Pesticide Incident Report Program.....	139
2000-2001 Health-Related Pesticide Incident Reports.....	140
Louisiana's Registry of Pesticide Hypersensitive Individuals.....	140
Disease Cluster Response.....	140
Coteau Childhood Leukemia.....	141
Cancer Mortality Trend Analysis.....	141
Industrial Mapping	142
Health Professional Education	142
Mercury Blood Screening.....	142
N. Vital Statistics.....	143
2000 Statistics	143
Reports.....	143
O. State Health Data Clearinghouse	144
Louisiana Hospital Inpatient Discharge Database (LAHIDD).....	144
Activities to Date.....	145
IV. Preventive Health Outreach, Service, and Education Programs.....	147
<i>Programs Targeting Infants, Children, Adolescents, and Women</i>	<i>148</i>
A. Childhood Immunization Initiative—Shots for Tots	148
B. Sudden Infant Death Syndrome (SIDS)	149
C. Hearing, Speech, and Vision Program: Sound Start Program for the Early Identification of Hearing Impairments in Infants.....	149
D. Children's Special Health Services	151
E. SAFE KIDS Coalition.....	152
F. Child Care Health Consultant Program	152
G. Prevent Abuse and Neglect through Dental Awareness (P.A.N.D.A.).....	153
H. Maternal and Child Health Program.....	153
I. Adolescent School Health Initiative	154
J. Women's Preventive Health Program.....	155
<i>Programs Targeting Families</i>	<i>156</i>
K. Home Visitation Program.....	156
Paraprofessional Home Visitation Programs	156
Nurse-Family Partnership Program	156
L. Public Information Campaign and Provider Training for Parenting Education & Child Abuse	158
M. Louisiana's Service System for Persons with Developmental Disabilities	160
<i>Programs Targeting Infectious Diseases.....</i>	<i>160</i>
N. Tuberculosis (TB) Prevention and Outreach	160
O. Sexually Transmitted Disease (STD) and HIV/AIDS Prevention Programs.....	160
Sexually Transmitted Diseases (STDs)	160
HIV/AIDS.....	161
<i>Programs Targeting Chronic Diseases.....</i>	<i>163</i>



P. Cardiovascular Health Core Capacity Program	163
Q. Diabetes Control Program.....	165
R. Tobacco Control Program	166
<i>Programs Targeting Substance Abuse.....</i>	168
S. Alcohol, Drug, Tobacco, and Prevention Addiction Services.....	168
The Impact of Substance Abuse: OAD Services.....	168
<i>Programs Targeting Intentional and Unintentional Injury.....</i>	173
T. Violence Prevention.....	173
U. Personal Flotation Devices	173
V. Dog-Bite Injuries.....	174
<i>Programs Targeting Mental Health.....</i>	174
W. Suicide Assessment	174
X. Programs of the Office of Mental Health	175
Acute Unit.....	175
Specialized Inpatient Services	175
Clinic-based Services	175
Crisis Management Services.....	175
Day Programs and Psychosocial Rehabilitation Programs	175
Support Services	176
<i>Programs Targeting Environmental Health.....</i>	176
Y. Community Water Fluoridation.....	176
Z. Environmental Health Advisories.....	176
Mercury in Fish.....	176
AA. Environmental Health Education	177
Health Effects Related to Pesticide Exposure.....	177
Mercury in Fish.....	177
Health Professional Education	177
Public Health Response for Chemical Spills.....	178
Hazardous Substances Emergency Events Surveillance Project.....	178
Medical Assessment Team (MAT)	179
AB. Louisiana Childhood Lead Poisoning Prevention Program (LACLPP)	179
Program Activities.....	180
Surveillance: Louisiana Childhood Blood Lead Surveillance System (CBLSS).....	180
Case Management: Screening, Tracking and Follow-up	180
Publication Education and Outreach	180
Future Plans	181
V. Louisiana State Health Care System	183
A. Analysis of Health Care in Louisiana.....	184
B. Louisiana Health Care Statistics	186
C. Louisiana Health Care Access.....	187
D. Medicaid	188
E. Medicare	190
F. Provider Sites	191
State Charity Hospitals	191
Public Health Clinics	193
Rural Health Clinics	194
CommunityCARE	195
Federally Qualified Health Centers (FQHC)	195
School-Based Health Centers	197
Developmental Centers	198
Mental Health Clinics	199
Substance Abuse Prevention Clinics.....	200
Existing Health Maintenance Organizations	201
G. Inventory of Providers	201
H. Health Professional Shortage Areas (HPSA)	205



VI. Recommendations for Improving Health Status	211
A. Maternal, Infant and Child Health.....	212
Infant Mortality.....	212
Low Birthweight	213
Child Health.....	213
Child Abuse and Neglect	213
Teenage Birth Rates.....	213
B. Infectious Diseases	214
Emerging Infections.....	214
Hepatitis A.....	214
Hepatitis B.....	215
Influenza.....	215
Tuberculosis.....	215
STD and HIV/AIDS	215
C. Oral Health.....	216
D. Chronic Diseases	216
Cancer.....	216
Diabetes	216
Heart Disease/Stroke.....	217
E. Alcohol, Drug, and Other Addictions	217
Prevention	217
Treatment.....	217
F. Unintentional Injuries	218
G. Intentional Injuries.....	218
Child Death	218
H. Mental Health.....	219
Index.....	220
Contact Information.....	225

Tables

Louisiana Population Estimates, 2000.....	2
Percent of Total Population by Age Group, Louisiana and United States, 2000	2
Percent of Total Population by Race, Louisiana and United States, 2000	3
Percent of Race and Sex Within Age Group, Louisiana, 2000	3
2000 Population Figures for Louisiana Parishes.....	4
Crude Birth Rates, Louisiana, Neighboring States, and United States, 2000.....	6
Live Births by Race, Age of Mother, Parish of Occurrence, and Parish of Residence, Louisiana, 2000.....	9
Percent of Live Births to Mothers Receiving Prenatal Care in the First Trimester of Pregnancy, Louisiana, Neighboring States, and United States, 2000	16
Percent of Mothers Receiving Adequate Prenatal Care by Parish, Louisiana, 1995-2000	17
Percent of Live Births Less Than 2500 Grams, Louisiana, Neighboring States, and United States, 2000	19
Rate of Live Births to Teens, Louisiana, Neighboring States, and United States, 2000	23
Births by Parish, Race of Mother, and Selected Characteristics, Louisiana, 2000	25
Mortality Rates, Louisiana, Neighboring States, and United States, 2000	32
Number of Deaths by Age Group and Sex, Louisiana, 2000	32
Number and Rate of Deaths by Race, Sex, Age Group, and Parish, Louisiana, 2000	32
Age-Adjusted Mortality Rates for the Top Ten Causes of Death, Louisiana, 2000.....	42
Age-Adjusted Death Rates for Selected Causes of Mortality, by Race and Sex, Louisiana, 2000.....	43
Infant Mortality Rates by Race of Child, Louisiana, 2000	45
Infant Mortality Rates, Louisiana, Neighboring States, and United States, 1999	46
Number of Infants and Infant Mortality by Parish and Race of Mother, Louisiana, 1996-2000	47
Number and Rate of Injury Deaths by Cause and Intent of Injury, Louisiana, 1999	54
Selected Infectious Diseases Counts, Louisiana, 1995-2000.....	59
Selected Infectious Diseases Counts by Parish, Louisiana, 2000	59
Tuberculosis Cases, Louisiana, 1997-2001	61
Tuberculosis Cases and Rates, Louisiana and Neighboring States, 2000.....	62
Louisiana Tuberculosis Cases and Rates by Region and Parish, 2001.....	63
STD Rates and National Rankings, Louisiana, 1997-2001.....	66
Early Syphilis (Primary, Secondary, and Early Latent) Rates, by Sex and Race, Louisiana, 1997-2001	67
Primary and Secondary Syphilis Rates, Louisiana, Neighboring States, and United States, 1996-2000 ..	67
Gonorrhea Rates by Sex and Race, Louisiana, 1997-2001	68
Gonorrhea Rates, Louisiana, Neighboring States, and United States, 1996-2000	68
Chlamydia Rates by Sex and Race, Louisiana, 1997-2001.....	69
Chlamydia Rates, Louisiana, Neighboring States, and United States, 1996-2000	69
Sexually Transmitted Disease Rates by Parish, Louisiana, 2001	69
AIDS Cases and Rates, Louisiana, Neighboring States, and United States, 1998-2000.....	72
Persons Living with HIV/AIDS by Parish, Louisiana, December, 2000	73
Newly-detected HIV/AIDS Cases, by Demographics and Exposure Group, Louisiana, 1994-2000.....	74
Five Most Common Cancers, Louisiana, 1995-1999	76
Five Most Common Cancers in Males, Louisiana, 1995-1999.....	77
Five Most Common Cancers in Females, Louisiana, 1995-1999	77
Top Five Cancers and Number of Cases Diagnosed in Louisiana by Region and Parish, 1995-1999.....	80
Demographic Profile of Current Smokers	94
Demographic Profile of Current Smokeless Tobacco Users.....	96
Demographic Profile of Louisiana Adults 18 Years and Older Who Do Not Receive The Recommended Level of Physical Activity	100
Immunizations: Percent Up-To-Date at Age 24 Months, Louisiana, 2001-2002.....	114
Immunization Levels Among Two-Year-Old Children Receiving Care at Public Health Units, Louisiana, 1992-2000	148



Counts of Children Screened and Counts of Children with Elevated Lead Levels by Blood Lead Level, 1999-2000	181
Percent of Children with Elevated Lead Levels by Blood Lead Level, 1999-2000.....	181
Percent of State Population Receiving Medicaid in 2000	186
Percent of State Population Not Covered by Health Insurance in 2000.....	186
Number of Emergency Outpatient Visits to Community Hospitals in 2000.....	186
Percent of State Population Enrolled in Medicare in 2000	186
Number of Health Maintenance Organizations (HMOs), Louisiana, 2001	186
Percent of Population Enrolled in HMOs, Louisiana, 2001	186
Number of Nurses, Louisiana, 2000	186
Number of Physician Assistants, Louisiana, 2001	186
Number of Hospitals and Beds, Louisiana, 2000	187
Health Facilities, Louisiana, 2000.....	187
Licensed Nursing Home Statistics, Louisiana, 2000	187
Lack of Access to Primary Care, Louisiana, Neighboring States, and United States, 2001.....	187
Medicaid Statistics, Payments and Recipients, Louisiana, Neighboring States, and United States, 2000-2001	188
Medicaid Statistics, Payments and Recipients by Age Group, Louisiana, Neighboring States, and United States, 2000-2001.....	189
Medicaid Statistics, Enrollment and Expenditure, Louisiana, Neighboring States, and United States, 2000-2001	189
Medicaid Statistics, Percent Changes in Expenditure, Louisiana, Neighboring States, and United States, 2000-2001	189
Medicare Statistics, Enrollment and Expenditure, Louisiana, Neighboring States, and United States, 2000-2001	190
Medicare Statistics by Method of Payment of Benefits, Louisiana, Neighboring States, and United States 2000-2001	190
Number of Primary Care Physicians by Specialty and Parish, Louisiana, 2001.....	201
Selected Mental Health Professionals by Parish, Louisiana, 2001	203

Graphs

Race Distribution of Total Population, Louisiana and United States, 2000	2
Distribution of Sex Within Age Group, Louisiana, 2000.....	3
Distribution of Race and Sex Within Age Group, Louisiana, 2000.....	4
Crude Birth Rates, Louisiana and United States, 1945-2000	6
Births by Maternal Race, Louisiana, 2000	7
Age-Specific Birth Rates by Maternal Race, Louisiana, 2000	7
Percent of Live Births to Mothers Entering Prenatal Care in the First Trimester, Louisiana and United States, 1990-2000.....	15
Entry into Prenatal Care by Race, Louisiana, 2000	16
Entry into Prenatal Care by Maternal Age, Louisiana, 2000	17
Percent of Live Births Less Than 2500 Grams, by Maternal Age and Race, Louisiana, 2000	20
Percent of Live Births to Teen Mothers, Louisiana and United States, 1980-2000.....	22
Teen Birth Rates by Race, Louisiana, 2000	23
Crude Death Rates, Louisiana and United States, 1973-2000	31
Percents of Deaths from the Five Leading Causes of Death, Louisiana, 2000	41
Age-Adjusted Death Rates for the Five Leading Causes of Death, by Sex and Race, Louisiana, 2000.....	43
Infant Mortality Rates, Louisiana and United States, 1970-2000	46
Infant Mortality Rates by Race, Louisiana, 2000 and United States, 1999.....	47
Counts of Tuberculosis Cases by Age Groups, Louisiana, 1997-2001	63
Persons Living with HIV/AIDS, Louisiana, 1991-2000.....	72
Perinatal HIV Transmission Rate, Louisiana, 1993-1999	75
10-Year Trend of Adult Smokers who tried to quit smoking at least on one day in the past year.....	94
Current Smokers (6 th - 8 th Grade).....	95
Current Smokers (6 th - 8 th Grade) who ever tried to quit smoking.....	95
Chronic Drinking (Two or More Drinks per Day) by Race and Gender	97
Prevalence of Overweight based on (BMI 25.0-29.9) by Gender and Race.....	99
Adults Who Have Been Told by a Health Professional That They Have High Blood Pressure	101
Adults (35 years and older) Who Have Been Told by a Health Professional Their Blood Cholesterol was High	102
Percentage of Adults Aged 18 and Over Who Have Self-Reported Diabetes	103
Prevalence of Diabetes in Adults 18 Years and Older According to Total Household Income.....	103
Disparities in Morbidity Outcomes by Diabetes Status.....	104
Disparities in Co-Risk Factors for Morbidity and Mortality Outcomes According to Diabetes Status.....	105
Adults Without a Routine Physical Examination Within the Past Year, By Gender and Race.....	106
Women 50 years and older Without a Mammogram Within the Past Two Years By Race	107
Percent of Adults Without Medical Care Coverage Overall, By Gender and By Race.....	108
External Cause of Traumatic Brain Injury, Louisiana, 1999.....	109
Incidence Rates of Traumatic Brain Injury by Gender, Louisiana, 1999	110
Immunization Coverage at 24 Months by Region (Percent Up to Date at 24 Months), Louisiana, 1992-2000	112
Intravenous Drug Users Admissions to OAD Continuum of Care, Louisiana, 1996-2000.....	126
OAD HIV Statistics, Louisiana, 1993-2000	127
OAD Tuberculosis and STD Statistics, Louisiana, July-September 2000	127
Prenatal Care in the First Trimester and Low Birthweight by Education, LaPRAMS, 1999	132
Prenatal Care in the First Trimester and Low Birthweight by Maternal Age, LaPRAMS, 1999	132
Prenatal Care in the First Trimester and Low Birthweight by Marital Status, LaPRAMS, 1999.....	133
Unintended Pregnancy by Education, LaPRAMS, 1999.....	133
Unintended Pregnancy by Marital Status, LaPRAMS, 1999.....	133
Unintended Pregnancy by Maternal Age, LaPRAMS, 1999	134
Smoking and Drinking during Pregnancy by Maternal Age, LaPRAMS, 1999.....	134
Smoking and Drinking during Pregnancy by Marital Status, LaPRAMS, 1999	134
Smoking and Drinking during Pregnancy by Education, LaPRAMS, 1999	135



Infant Sleep Position, LaPRAMS, 1999	135
Prevalence of Elevated Blood Lead Levels by Year and Data Source (1999-2000).....	182

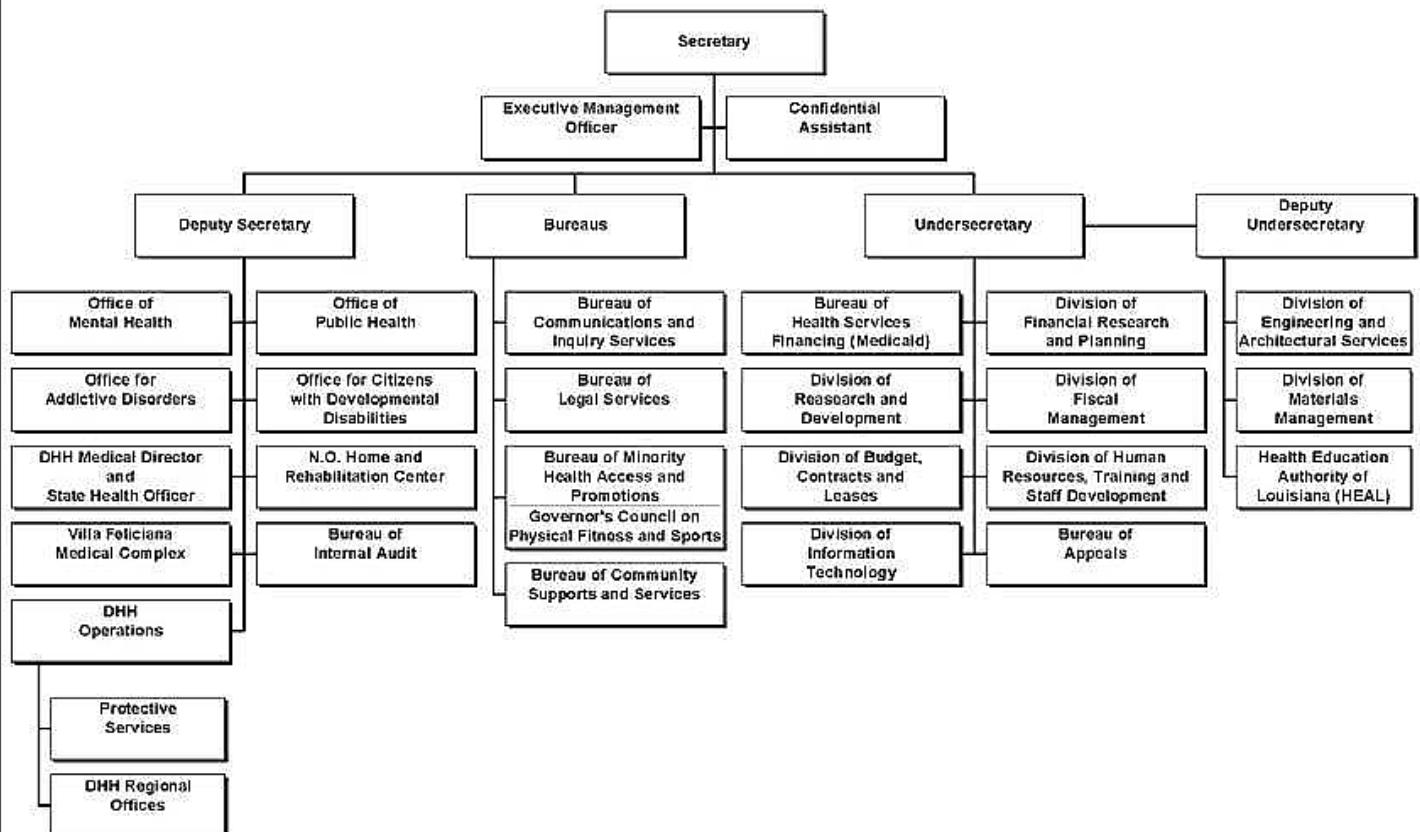


Maps

Live Birth Rate Per 1,000 Population, Louisiana, 2000	8
Percent Low Birthweight (<5pounds 8ounces), Louisiana, 2000	21
Teen Birth Rate Per 1,000 Women Ages 15-19, Louisiana, 2000	24
Percent of Immunization Coverage at 24 Months of Age Among Children Served in Public Clinics	114
State Charity Hospitals	192
Public Health Units	193
Rural Health Clinics	194
CommunityCARE Parishes	196
School-Based Health Center Sites	197
State Developmental Centers (9)	198
Mental Health Hospitals (5)	199
Alcohol and Drug Abuse Facilities (72).....	200
Health Professional Shortage Areas.....	206
Health Professional Shortage Areas—Mental.....	207
Health Professional Shortage Areas—Dental	208
Designated Medically Underserved Areas or Populations.....	209

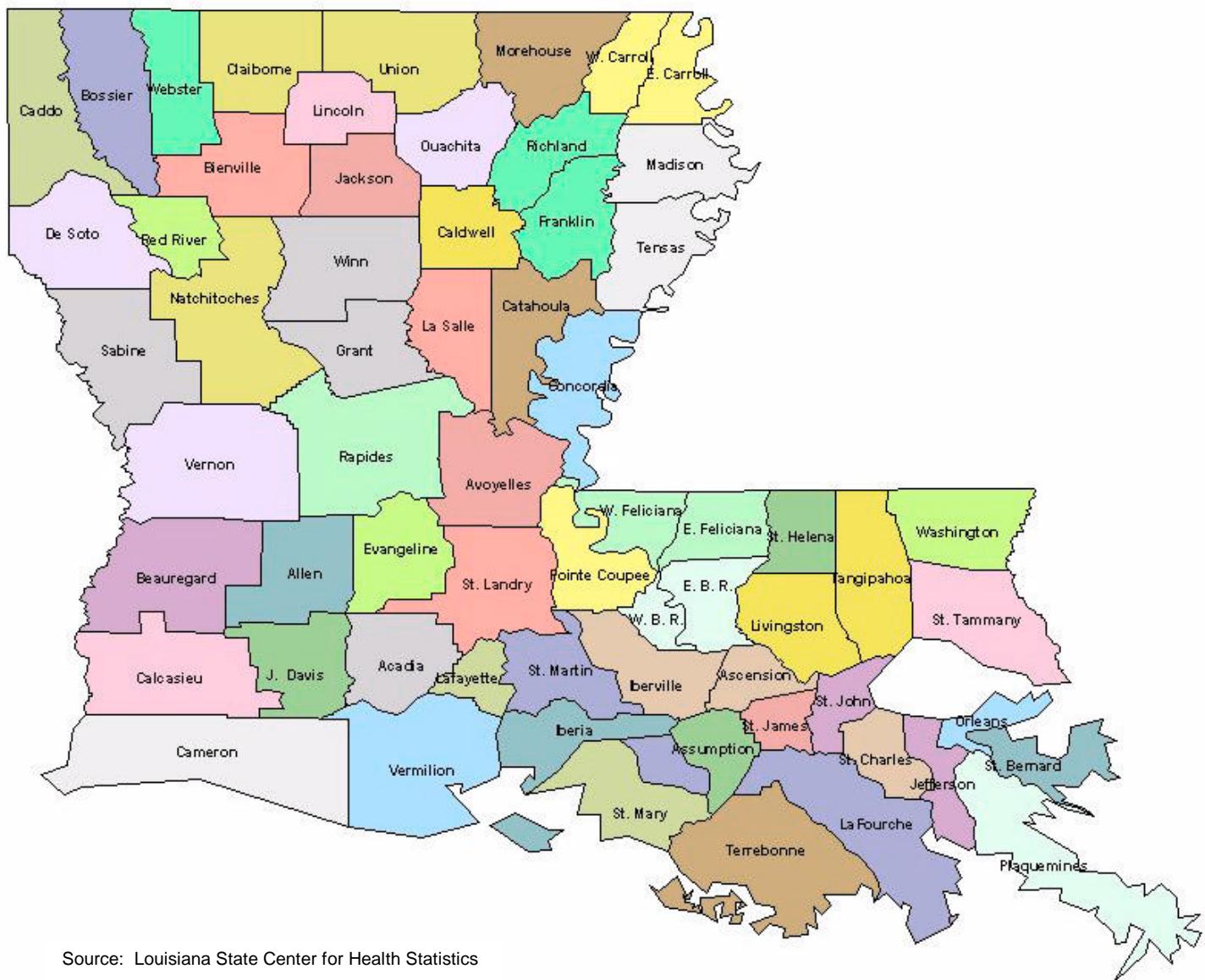


DEPARTMENT OF HEALTH AND HOSPITALS



9/2001

Source: www.dhh.state.la.us/orgchart.htm



Source: Louisiana State Center for Health Statistics

